

**SYSTEM AND METHOD FOR HORIZON  
CORRECTION WITHIN IMAGES****ABSTRACT OF THE DISCLOSURE**

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TO  
The present invention includes a system and method for the correction of user induced inadvertent orientation errors in captured digital images before the digital image is saved to a storage media or memory. A system of the present invention checks a user-selectable input to determine if the orientation correction has been enabled, enables a tilt determining mechanism which senses orientation errors when the feature is enabled, corrects the orientation errors in the viewed image, displays a corrected digital image to the user and allows the user to store a digital representation of the corrected image into a memory. The method of the present invention includes receiving a digital representation of an image, identifying vertical or horizontal lines contained within the image, determining an orientation error, rotating the digital representation of the image to reduce the orientation error and displaying a corrected digital image.